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IMAGE PROCESSING UNIT AND ITS METHOD, CONTROLLER, AND IMAGE FORMING DEVICE  
AND ITS METHOD

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INVENTOR(s): AOKI AKIO

SAGARA SEIJI

NISHIMURA KATSUHIKO

SETO KAORU

AOKI TAKAO

SHIMIZU SATOSHI

YAMADA KAZURO

APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)

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TC 2700 MAIL ROOM

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#### ABSTRACT

PURPOSE: To obtain the image processing unit and its method in which a controller section conducts unique image processing.

CONSTITUTION: A controller section 31 is provided with an RF section 1 processing image information, a halftone image processing section 2, a density correction section 3 corresponding to the processing section 2 and a patch generator 5. An engine section 32 has a modulation section 7 corresponding to the RF section 1 or the like, a halftone processing section 8 different from the halftone image processing section 2, a density correction section 9 corresponding to the halftone processing section 8, a modulation section 11, a patch generator 23, a sensor 17 detecting a density of a generated patch, and a control section 18 controlling the density of an image based on the result of detection, and gives a signal related to density control to the controller section 31.

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